

REMARKS/ARGUMENTS

At the outset, Applicant appreciates the thorough review and consideration of the subject application. The Non-Final Office Action of January 22, 2009, has been received and its contents carefully noted. Claims 6 and 7 have been amended. No new matter has been added. Accordingly, Claims 1-17 are currently pending in the application.

In view of the above amendments and the following remarks, Applicant respectfully requests reconsideration and timely withdrawal of the pending objections and rejections for the reasons discussed below.

Claims 6-8 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by U.S. Patent No. 7,149,213 issued to Rosner, *et al.* ("Rosner"). Applicant respectfully traverses this rejection for at least the following reasons.

Claims 6-8 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by U.S. Patent No. 7,149,213 issued to Rosner, *et al.* ("Rosner"). Claims 1-5 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Rosner in view of U.S. Patent Application Publication No. 2002/0065045 issued to Kim. Claims 9-11 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Rosner in view of Kim and further in view of U.S. Patent Application Publication No. 2001/0024433 issued to Vanttinen. Claims 12-17 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Rosner in view of Vanttinen. Applicant respectfully traverses these rejections for at least the following reasons.

The Office has failed to establish a *prima facie* case of anticipation. A prior art reference anticipates the claimed invention under 35 U.S.C. § 102 only if every element of the claimed invention is identically shown in that single reference, arranged as they are in the claims. MPEP § 2131; *In re Bond*, 910 F.2d 831, 832,

15 U.S.P.Q.2d 1566,1567 (Fed. Cir. 1990). Anticipation is only shown where each and every limitation of the claimed invention is found in a single prior art reference. MPEP § 2131; *In re Donohue*, 766 F.2d 531, 534, 15 U.S.P.Q.2d 619,621 (Fed. Cir. 1985). In addition, the Office has failed to establish a *prima facie* case of obviousness as each and every feature of the claimed invention has not been established either singly or in combination.

In addition, the rejection is improper for failure to comply with 35 U.S.C. § 132 due to a lack of sufficient detail. Compliance with 35 U.S.C. § 132 requires that the Office provide sufficient detail regarding the alleged correspondence between the claimed invention and the cited reference(s) to enable an Applicant to adequately respond to the rejections. See also 37 CFR § 1.104 (stating "[t]he pertinence of each reference, if not apparent, must be clearly explained and each rejected claim specified") and M.P.E.P. § 706.02(j) (stating "[i]t is important for an examiner to properly communicate the basis for a rejection so that issues can be identified early and the applicant can be given fair opportunity to reply.") The present rejection fails to provide sufficient clarity but rather appears to rely on a number of paragraphs without sufficient detail of how the disclosure in each of these paragraphs discloses each and every feature in the claim. To the extent the arguments are not persuasive, Applicant requests clarity with sufficient detail on illustrating correspondence between each and every aspect of the present invention.

Independent claims 1, 6 and 7 are allowable as these claims recite a combination of features, including *inter alia*, "a calculator to computer and store said lists of events in the memory." The Office has simply failed to establish these features in Rosner.

In addition, independent claims 1, 6, and 7 are allowable as these claims recite:

a storage unit comprising: a descriptor table
wherein for each descriptor:

a pointer field points to a definition of an operation
to be carried out by said interface during the frame
processing,

an absolute operation time field indicates at which
time from the beginning of the frame processing the
corresponding operation should be carried out by said
interface,

an operation definition table comprising for each
operation a definition of the operation, each definition
having a sequence of events to be executed by the
interface in order to carry out said operation,

each event of the definition table being associated
with a relative event time field indicating at which time
from the beginning of the operation the corresponding
event should be executed.

The Office purports that these features are taught by Rosner. The Office points to Fig. 5, software queue element 60 storing descriptors 62, 65, 67 for including descriptors 61. (Office Action 17). Moreover, the Office points to frame pointer 62 pointing to a starting address of the next S/W queue element 60 of the complete S/W frame queue further asserting each S/W queue element contains the sequence of events to be carried out during transmission. (Office Action 17). However, the Office fails to establish each descriptor includes a pointer field, an absolute operation and an operation definition table as recited independent claims 1, 6, and 7. For illustration purposes only, the Office is directed towards FIG. 3 showing a descriptor table 80 including a descriptor 90 including at least three fields, such as, a pointer field 98, and an absolute operation time field 100. The descriptors of Rosner 62, 65, and 67 do not include multiple fields as shown in FIG. 5.

In addition, Applicant continues to traverse the rejection for similar reasons as discussed in the June 16, 2008, response. In particular, the invention saves storage and processing by performing a particular operation more than once from a same

definition in the operation definition table pointed to by a pointer during the processing of and in synchronism with one signal data frame. The Office purports that these features are established in a linked-list that eliminates the need for a dedicated additional memory through the use of the frame point 62, col. 12, ll. 57-67. (Office Action at 18).

Rosner discloses at col. 12, ll. 57-67,

[t]he next S/W queue element 60 stores information that is to be transmitted after transmission of the current S/W queue element 60 is complete. Several S/W queue elements 60 typically are required to store all the data that is to be transmitted as the result of a transmission request. Frame pointers 62 link each of S/W queue elements 60 together in a linked-list so that all the data in the complete S/W frame queue can be located and transmitted by wireless H/W 40. After a transmission is initiated, the linked-list ensures that frame information is ready for the next transmission and removes any need for the software of host system 31 to store information or data for the transmission. Thus, the linked-list assists wireless computer system 30 in using system memory 36 for storing data for transmission and removing the use of a dedicated microprocessor, ROM, and RAM in wireless H/W 40.

The foregoing features of Rosner fail to teach or suggest "performing a particular operation more than once from a same definition in the operation definition table pointed to by the pointer during processing of, and in synchronism with, said one signal data frame" as recited in claims 1, 6 and 7. Kim and Vantinen fail to cure the deficiencies of Rosner.

Accordingly, Applicant respectfully requests withdrawal of the rejections of claims 1-17. Since none of the other prior art of record discloses or suggests all the

features of the claimed invention, Applicants respectfully submit that independent claims 1, 6 and 7, and all the claims that depend therefrom are allowable.

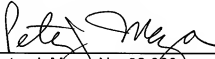
Applicant believes that a full and complete response has been made to the pending Office Action and respectfully submits that all of the stated objections and grounds for rejection have been overcome or rendered moot. Accordingly, Applicant respectfully submits that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicant's undersigned representative at the number below to expedite prosecution. Prompt and favorable consideration of this Reply is respectfully requested.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

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Respectfully submitted,



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